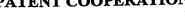
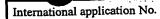
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	(PCT Article 36 and Rule 70)	•
Applicant's or agent's file reference BR 18176/IN	FOR FURTHER ACTION See . Notifit Preliminary	cation of Transmittal of Internation Report (Form PCT/IPEA
nternational application No. PCT/FR2003/000955	International filing date (day/month/year) 26 mars 2003 (26.03.2003)	Priority date (day/month/year) 27 mars 2002 (27.03.2002)
nternational Patent Classification (IPC) or G01B 7/16, G01L 1/22	national classification and IPC	
Applicant		
· ·	MAUBANT, Philippe	
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PCT/FR2003/000955

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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in	beyond the disclosure a placement sheets which ha this report as "originall, 370,17)	s filed, as indicated in t we been furnished to the ofiled" and are not to	ne Supplemer e receiving O annexed to th	office in response to this report since to	o an invitation hey do not co	under Article 14 are referred ntain amendments (Rule 70
** A7	y replacement sheet conta	ning such amendments	must be refer	red to under item I	and annexed t	to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internal application No.

PCT/FR 03/00955

7.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicabilicitations and explanations supporting such statement	ity;
	Citations and exhibituations and the same	

					•
Statement	•				
Novelty (N)		Claims	1-	33	YES
Moveny (iv)	Claims			NO	
Inventive step (IS)	(10)	— Claims	1-	33	YES
	ep (15)	Claims			NO
	Claims	1-	-33	YES	
Industrial applicability (IA)		_			NO
		Claims			

Citations and explanations

1.

Reference is made to the following documents:

D1: US-A-4 314 481 (WOLFER PETER ET AL) 9 February

1982 (1982-02-09)

D2: US-A-5 353 645 (FELDMAN JOACHIM ET AL) 11 Oct

1994 (1994-10-11)

1. Novelty

- 1.1. The present application satisfies the requirements of PCT Article 33(1), since the subject matter of claim 1 meets the criterion of novelty (PCT Article 33(2)).
- 1.2. Document D1 (column 4, lines 22-68; figure 1), which is considered the prior art closest to the subject matter of claim 1, describes (references between parentheses apply to said document):

A strain gauge using a deformable member (7) mounted on a part to be tested (1) via two mounting studs (5, 8), using two screws (3, 4). The deformable member (7) is linked to piezoelectric sensor (11).

1.3 Document D1 does not describe a strain gauge including means for prestressing the deformable member.

Inventive step

- 2.1 Said means also provide the possibility of adjusting the spacing between the mounting studs.
- 2.2 The problem that the present application aims to solve can therefore be considered to be that of tapping the sensor prior to mounting same on a part to be tested.
- 2.3 The solution proposed in claim 1 of the present application is considered to be inventive (PCT Article 33(3)) for the following reasons:
- 2.4 The device according to document D1 directly adjusts the prestressing of the piezoelectric sensor (11) but not that of the deformable member (7).
- 2.5 Document D2 (see column 3, lines 3-15) describes a device providing stress pre-adjustment using a screw ("screw-in-plug" 1). However, said screw is not used for adjusting the spacing between two mounting studs. The device according to document D2 is located in a bore of a structure to be tested and is not mounted on the surface of a part to be tested.

Industrial applicability

The subject matter of claims 1-33 meets the requirements of PCT Article 33(4).